

SIVAKUMAR. N

S/o R.Nallathambi,

3/184, M.Kalipatti,

M.Kalipatti (po),

Mettur (Tk),

Salem (Dt)-636453.

Tamilnadu.

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CAREER OBJECTIVES:

To seek a challenging position where my ability can be utilized for the growth of the organization and my career.

SOFTWARE SKILLS:

- **Auto CAD.**
- **Solid Works 2019 (Modelling, Assembly and Drafting).**
- **Simufact Forming V14 (Cold forging simulation software).**
- **Deform(Simulation software)**

EXPERIENCE: A competent professional with 5 years 10 months' experience in automotive components manufacturing.

01. Company Name: Essae Gears and Transmission Private Limited Bangalore

Company profile: Manufacturing of cold forged, warm forged and machined automotive and non automotive parts for Power transmission, Water pumping motor, Speed Reducer, Drives applications for customer like TVS Motor company, Mahindra & Mahindra, Pricol, PMP Industries, Hi Tech Gears, HV tech and Exports in Ariens, schiller, Gamber Johnson and Meritor.

Designation: - SENIOR ENGINEER (From 02.08.2019 to till now)

Responsibilities:

- Responsible for design and development of new products.
- Design of tools and tool layouts for new products.
- Performing Process flow diagram, P-FMEA, Control plan, PPAP,
- Develop the parts as per APQP timing plan.
- Responsible for ECN and ECR implementation.
- Performing root cause analysis on defective parts.
- Design of Gauges and fixtures ensure the availability during PPAP trial run.
- Conduct APQP reviews to achieve projects ready on time.
- Responsible for NPD part hand over to production.
- Involving process improvements and cost saving for existing products.
- Doing Technical feasibility report for RFQ's on time.
- Doing Simulation in Deform for tool design, process design and TFR.

02. Company Name: GENAU Extrusions Ltd Hosur.

Company profile: A Manufactures of cold forged and machined automotive components for use in steering systems, switch housings, Transmissions, Fuel injection systems and drive train applications for Customer like: American Axle Manufacturing, Spicer, Bosch, RSB Transmissions, DANA holding corporation, INA Bearing India, Rane, Eaton, Black & Decker, AVTECH, Maini Precisions, Delphi TVS, Tirsan Kardan etc.

Designation: - ENGINEER (From 23.11.2015 to 25.07.2019)

Responsibilities:

- Responsible for both design & new product developments.
- Analyzing customer drawing TFR for technical feasibility.
- Design & implementation of P-FMEA, Process flow diagram, PPAP, Process sheet and Control plan and ECN&ECR.
- Responsible for tool design, process design, and improving the infrastructure for Productivity & quality.
- Effectively planning and executing the projects as per design and customer requirements.
- Good ability to read technical drawings (Blue print) and knowledge in GD&T
- Performing root cause analysis on defective parts.
- Generate design calculations for the new developing products.
- Design of tools and tool layouts for new products.
- Providing product drawings and specifications to manufacturing activities.
- Design of Jig, Fixtures and gages for new development products.
- Knowledge in the selection of Tool steel materials for cold forging operation.
- Good Knowledge on manufacturing process such as forging, Heat treatments, Conventional and non-conventional machining process etc.
- Creating BOM for new development products.

03. Company Name: M/S Aquasub Engineering, Coimbatore.

Company profile: Manufacturing of wide range of water pumps and motor for different applications like Agricultural, Solar pumps, Waste water solutions, Building and Commercial.

Designation: Graduate apprenticeship trainee (From 10.02.2014 to 09.02.2015)

Responsibilities:

- Operating CNC & VTC machines.
- Able to understand Engineering drawings.
- Tool setting for various operations as per drawing.
- Able to make CNC programmes for various operations.
- Able to handle precision measuring instruments,
- Good knowledge in TPM activities.

ACADEMIC PROFILE:

2009-2013: **B.E. Mechanical Engineering**-The kavery Engineering college, Mecheri.
Anna University, Chennai-**82.7 %**

2008: **HSC** – Govt.Boys.Higher Sec.School. Mecheri
State Board- **71 %**

2006: **SSLC** – Govt.Boys.Higher Sec.School. Mecheri
State Board- **78 %**

PROJECT DETAILS:**MAIN PROJECT:**

“STUDY AND DEVELOPMENT OF WATER PUMPING SYSTEM USING
WINDMILL”

MINI PROJECT:

“ MAGNETIC SHOCK ABSORBER”

ACHIEVEMENT:

- Attained meritorious award for performance & excellence in the University Examination during 8th semester 2013 to get **2nd** Place

PERSONAL DETAILS:

- Father's Name - Mr.R.Nallathambi,
- Mother's Name - Mrs. N.Myla,
- Date of Birth - 09.04.1991.
- Languages Knows-English,Tamil,Kannada(Beginner).

DECLARATION:

I hereby assure you that the information furnished above are true to the best of my knowledge and beliefs.

PLACE: Hosur

Authentically,

DATE: 08/10/2020

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